

SN 10/083,283

Amendment of the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (original) A process for extending the lifespan of a metazoan or metazoan cells comprising administering to said metazoan a composition comprising a C₆₀ compound having x pairs of adjacent carbon atoms bonded to two carbons of said C₆₀ compound wherein said adjacent carbon atom is further bonded to two groups of a general formula -COOH and -R, wherein R is independently selected from the group consisting of -COOH and -H, and wherein x is at least 1.

2. (original) The process of claim 1 where x is 4.

3. (original) The process of claim 2 wherein said composition comprises said C₆₀ compound, its pharmaceutically acceptable salts and pharmaceutically accepted esters, and a pharmaceutically acceptable carrier, present in said composition in a therapeutically effective amount.

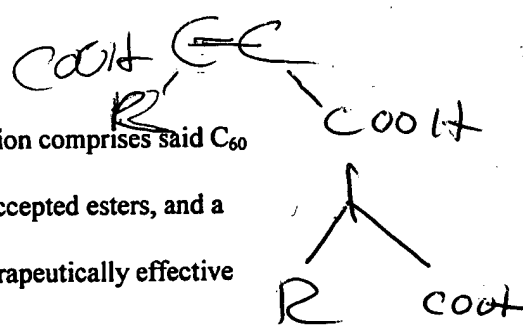
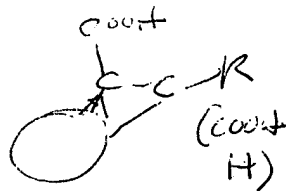
4. (original) The process of claim 1 wherein x is 3.

5. (original) The process of claim 4 wherein said C₆₀ compound is C₃ tris malonic acid C₆₀.

6. (original) The process of claim 1 wherein said C₆₀ compound is administered intravenously, intramuscularly, subcutaneously or orally.

7. (original) The process of claim 6 wherein said C₆₀ compound is administered intravenously, intramuscularly or subcutaneously in an amount of at least 0.1 mg/kg.

8. (original) The process of claim 7 wherein said C₆₀ compound is administered intravenously, intramuscularly or subcutaneously in an amount of about 3 mg/kg.



A.K.A
"Buckyballs"
or
Buckminsterfullerenes
See attached
drawings for
3D rep of
Structure

Attorney Docket No. 53047/31628

The compositions of the instant invention have novel antioxidant properties.

According to the present invention, the reactivity of the C_3 malonic acid derivative (*e,e,e*